

EXECUTIVE RECOMMENDATION

Blue Plains WWTP:Plant Wide Projects - No. 023805

Category: WSSC
 Agency: W.S.S.C.
 Planning Area: Bi-County
 Relocation Impact: None

Date Last Modified: January 5, 2009
 Required Adequate Public Facility: No

EXPENDITURE SCHEDULE (\$000)

Cost Element	Thru		Est.	6 Year							Beyond	
	Total	FY08	FY09	Total	FY10	FY11	FY12	FY13	FY14	FY15	6 Years	
Planning, Design and Supervision	41,173	30,571	2,751	7,794	2,818	2,581	1,356	766	244	29	57	
Land	0	0	0	0	0	0	0	0	0	0	0	
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0	
Construction	154,710	96,749	9,178	48,084	15,129	16,175	8,463	6,711	1,165	441	699	
Other	1,959	1,273	119	559	179	188	98	75	14	5	8	
Total	197,842	128,593	12,048	56,437	18,126	18,944	9,917	7,552	1,423	475	764	

FUNDING SCHEDULE (\$000)

Municipal (WSSC only)	10,860	7,059	661	3,098	995	1,040	544	415	78	26	42
System Development Charge	0	0	0	0	0	0	0	0	0	0	0
WSSC Bonds	186,982	121,534	11,387	53,339	17,131	17,904	9,373	7,137	1,345	449	722

COMPARISON (\$000)

	Total	Thru		Est. 6 Year		Beyond						Approp. Request
		FY08	FY09	Total	FY10	FY11	FY12	FY13	FY14	FY15 6 Years		
Current Approved	157,298	120,728	11,769	24,265	10,279	3,160	5,735	4,478	613	0	536	0
Agency Request	165,143	127,591	8,744	27,839	10,953	4,025	6,457	4,432	1,462	510	969	10,953
Recommended	197,842	128,593	12,048	56,437	18,126	18,944	9,917	7,552	1,423	475	764	18,126
CHANGE		TOTAL		%	6-YEAR		%	APPROP.				
Agency Request vs Approved		7,845		5.0%	3,574		14.7%	10,953		0.0%		
Recommended vs Approved		40,544		25.8%	32,172		132.6%	18,126		0.0%		
Recommended vs Request		32,699		19.8%	28,598		102.7%	7,173		65.5%		

Recommendation

APPROVE WITH MODIFICATIONS.

Comments

This project includes funding for WSSC's share of the Blue Plains Advanced Wastewater Treatment Plant "Plant-Wide Projects" capital project.

WSSC's request was based on cost estimates prepared in the early fall using available information from the District of Columbia Water and Sewer Authority (WASA). In December, WASA provided updated cost figures based on its Proposed FY2008 - 2017 Capital Improvement Plan. The Executive recommends changes in the project estimates to align with the amounts proposed by WASA in its FY2008 - 2017 CIP.

The FY10 appropriation request for this project is \$18,126,000.

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
023805	S-22.09	Change

2. Date: October 1, 2008

7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

Revised:

5. Agency: **WSSC**

3. Project Name: Blue Plains WWTP: Plant-wide Projects

4. Program: **Sanitation** 6. Planning Area: Bi-County**B.****Expenditure Schedule (000's)**

Cost Elements	(8) Total	(9) Thru FY '08	(10) Estimate FY '09	(11) Total 6 Years	(12) Year 1 FY '10	(13) Year 2 FY '11	(14) Year 3 FY '12	(15) Year 4 FY '13	(16) Year 5 FY '14	(17) Year 6 FY '15	(18) Beyond 6 Years
Planning, Design & Supervision	35,811	30,571	1,222	3,731	1,752	749	580	456	114	80	287
Land											
Site Improvements & Utilities											
Construction	128,689	96,749	7,435	23,833	9,093	3,236	5,813	3,932	1,334	425	672
Other	643	271	87	275	108	40	64	44	14	5	10
Total	165,143	127,591	8,744	27,839	10,953	4,025	6,457	4,432	1,462	510	969

C.**Funding Schedule (000's)**

WSSC Bonds	156,079	120,587	8,264	26,312	10,352	3,804	6,103	4,189	1,382	482	916
City of Rockville	9,064	7,004	480	1,527	601	221	354	243	80	28	53

D. Description & Justification**DESCRIPTION**

This project provides funding for WSSC's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. Major projects include: Process Control Computer Systems; Electrical Power Systems Additions, Phases I & II; High Priority Rehabilitation Program; Potomac Interceptor Rehabilitation; Upper Potomac Interceptor; and Plant-wide Fine Bubble Aeration Conversion.

Service Area Bi-County Area

Capacity 370 MGD

JUSTIFICATION**Plans & Studies**

The Blue Plains Intermunicipal Agreement of 1985; the WASA Master Plan (1998); and the DC-WASA Approved FY 2007 - FY 2016 Capital Improvement Program information (January 2008).

Specific Data

This is a continuation of the DC-WASA's upgrading of the Blue Plains Wastewater Treatment Plant.

Cost Change

The cost decrease in the six-year period is attributable to construction progress on the Central Operations Facility Upgrades, Process Control Computer System, and Potomac and Rock Creek sewage pumping stations projects.

STATUS Not Applicable**OTHER**

The project scope has remained the same. Project costs are derived from the DC-WASA Capital & Operating Budget 10-year forecast of spending and WASA's latest project management data, and fully reflect WASA's current cost estimates and expenditure schedules. Given the open-ended nature of the Blue Plains projects, this PDF may not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. Expenditures shown in Column 9 are post-Intermunicipal Agreement. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 100% System Improvement.**E. Annual Operating Budget Impact (000's)**

FY of Impact

Program Costs	Staff
	Other
Facility Costs	Maintenance
	Debt Service	12963
Total Costs.....		12963
Impact on Water or Sewer Rate.....		28¢

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 95
Date First Approved	FY 02
Initial Cost Estimate	84,650
Cost Estimate Last FY	157,298
Present Cost Estimate	165,143
Approved Request, Last FY	11,769
Total Expenditures & Encumbrances	127,591
Approval Request FY 10	10,953
Supplemental Approval Request Current FY (09)	

G. Status Information

Land Status:	Land & R/W to be acquired
% Project Completion:	On-Going
Est. Completion Date:	On-Going

H. Map Map Reference Code:**MAP NOT AVAILABLE**